

Part number list

VGM096064A5 □ □ □

Feature

1. Diagonal 0.95 inch
2. Built-in driver SH1106G
3. Power supply : +3.0V & +10.0V
4. Built-in voltage booster
5. Interface: 6800 / 8080 / SPI / I2C
6. Temperature operating range: -40 ~70°C
7. Available color : White

Pin Assignment

Pin No.	Symbol	Description
1	C1N	Connect charge pump capacitor
2	C1P	Connect charge pump capacitor
3	C2P	Connect charge pump capacitor
4	C2N	Connect charge pump capacitor
5	VDD2	Power supply for DC/DC converter
6	VSS	Ground
7	VDD1	Power supply for logic
8	IM1	Interface selection pin
9	IM2	Interface selection pin
10	IM0	Interface selection pin
11	CS	Chip select signal
12	RES	Reset signal
13	A0	Data/Command select signal
14	WR	Write enable signal
15	RD	Read enable signal
16~23	D0~D7	Data bus
24	IREF	Segment current reference pin
25	VCOMH	COM signal deselected voltage
26	VPP	OLED driving voltage input

Mechanical Data

Item	Standard Value	Unit
Panel Dimension	24.8 x 22.42	mm
Active Area	20.14 x 13.42	mm
Dot Pitch	0.21 x 0.21	mm
Dot Size	0.19 x 0.19	mm

Electrical Characteristics

Item	Symbol	Standard Value	Unit
		typ.	
Logic Voltage	VDD1	3.0	V
OLED driving Voltage	VPP	10.0	V

Mechanical Drawing

